

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

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DP
1. (Currently Amended) A multi-line utility power transmission system comprising:
a first power transmission line having a first impedance characteristic;
a second power transmission line including a superconductor, in parallel with the first
power transmission line, and having a second impedance characteristic less than the first
impedance characteristic; and
a power flow controller, coupled to the second power transmission line, for selectively
regulating at least one of the magnitude and direction of the power flowing through the second
power transmission line.
 2. Cancelled.
 3. (Previously Presented) The multi-line power transmission system of claim 1
wherein the superconductor is a cold-dielectric high temperature superconductor.
 4. (Original) The multi-line power transmission system of claim 3 wherein the high
temperature superconductor is chosen from the group consisting of: thallium-barium-calcium-
copper-oxide; bismuth-strontium-calcium-copper-oxide; mercury-barium-calcium-copper-oxide;
and yttrium-barium-copper-oxide.
 5. (Original) The multi-line power transmission system of claim 3 further
comprising a refrigeration system for cooling the high temperature superconductor at a
temperature sufficiently low to exhibit superconducting characteristics.